

IP Board Notes

14 September 1970

1. COINS Planning:

Chairman has completed his external visits (NSA, DIA, National Academy of Sciences - [ ] NSC - [ ] in effort to improve mutual understanding of attitudes and options re COINS. Found that open discussion was possible on such options as (a) CIA's participating in COINS only via query remotes and CIA files made available (vice computer participation) and (b) redesign of COINS network to centralize all files on one computer.

25X1

Chairman said he has in hand various staff papers on COINS planning, including [ ] paper saying a shared-computer environment (vice dedicated) for COINS should be the target and suggesting ways to satisfy security concerns. [ ] reiterated a computer dedicated to COINS may still be needed for security reasons... in the short run, at least.) He is still analyzing data and will propose a plan for proceeding on COINS in near future.

25X1

25X1

Chairman asked if two COINS nodes (Hqs. and NPIC) were necessary or if one (Hqs.) might suffice. [ ] replied that NPIC is participating now only in passive mode because system is not presently certified for T/KH. Chairman said he understands CIA Security has given green light to T/KH for COINS under conditions we can meet but that other agencies in the system are having difficulty providing adequate protection to terminals. [ ] said the problem lies with DIA's plan to link its non-T/KH field commands with the COINS net. [ ] said current interpretation in his Directorate of DCID 1/16 is that all terminals and users must be cleared for highest level of the system. [ ] said he did not have that interpretation. Chairman said he would seek clarification on this issue from [ ]

25X1

25X1

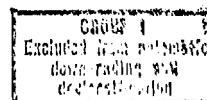
25X1

25X1

25X1

Declass Review by NGA

SECRET



Action: Chairman... per the above:

- (a) Clarify with [ ]
- (b) Continue development of a plan for proceeding on COINS.

25X1

2. Computer Plans for ACT:

[ ] indicated that SEL computers [ ] have been designated for ACT, Phase I (delivery July 1971) and asked if the Board wished to be updated on ACT planning. Chairman said yes.

25X1

Action: [ ] to arrange briefing (30 minutes) on ACT for 10 a.m. on 12 October 1970 (functions to be performed, how they will be performed, progress to date, major problems, and ADP hardware/software aspects).

3. Data Circuit Installation--status:

[ ] updated the Board on the status of data circuit installation. (See his written statement attached.)

He said the question of a data communications switch to serve computers and remote terminals in the Headquarters Building would be considered again in the spring of 1972.

[ ] pointed out that switching among the computer centers could be performed by manual plugging through a Patch Panel, either in CRS and RID or on the central IDF.

[ ] said that recent DD/S support on lines for RID was "excellent" and that formal memo so saying was in preparation.

Smith urged ADP centers to alert him or [ ] in DOMCA as early as possible re need for new lines.

25X1

4. AIKEN Coder Proposal:

25X1 [ ] said this proposal was submitted to NSA in May 1970... with restriction on discussion with any other agency, (CIA already had the proposal). U.S. Patent Office also has proposal and has coordinated with NSA for evaluation. NSA feels device is potentially useful and may recommend it be classified. In such case, 25X1 [ ] could not market the coder commercially.

25X1 [ ] said if NSA is to fund development, need to make sure NSA looks into its usefulness in computer security as well as in crypto communications.

25X1 [ ] said if we're now in open with NSA, he prefers to put this matter into OC hands. He asked how he should proceed to place this task with OC.

25X1 Action: (1) [ ] to explore ways of enabling OCS to pursue its interest in this device.

25X1 (2) [ ] to draft suggested reply to [ ] and send same to Chairman. 25X1

5. "Letter of Intent" mechanism:

Chairman said some mechanism is needed for the Agency to get into equipment delivery queues... without being legally binding.

25X1 [ ] reported that a formal letter of intent is deemed binding, is issued only by an authorized OL officer, and cannot properly be issued until all project approvals are secured and availability of funds certified. Any other correspondence (issued to place us in delivery queue) is not really a letter of intent, should be worded differently from a letter of intent, and should be signed by an OL officer... not by the computer component.

25X1 Action: [ ] to request OL to provide Board members with a sample letter, appropriately worded, for placing the Agency in a delivery queue but not binding the Agency legally to acquire the specified equipment.

25X1

Note: [ ] said RID will be ready to cut over operation of its document control system from 1410 to Mod 50 on 1 April 1971. Will need hardware backup to Mod 50 at that time. Thus, RID is pushing for Mod 155 (vice 1410) by April 1971. He pointed out IBM will require firm commitment from CIA soon in order to effect delivery of Mod 155 in April. Accordingly, IP Board should expect formal request from DD/P for Mod 155 in the near future.

6. CRS Request for Site Preparation:

Chairman pointed out that OL has a problem in proceeding with site preparation for ADP equipment, acquisition of which is not yet formally approved (CRS Mod 155 example). Chairman also said he is trying to weave together several interrelated pieces of the overall ADP scene for top management review (ASPIN recommendations, COINS, long range OCS hardware plans, trend of ADP organizational plans, etc.) and that these issues relate, one way or another, to the CRS site preparation question.

Admittedly handicapped at this point in time by incompleteness of the above analysis and review by top management, the Board, nonetheless, reflected a consensus that planning for site preparation for CRS should go forward... and not await the outcome of management analysis and review of the overall ADP situation.

Action: Chairman to so advise OL.

7. DD/S&T Membership on IP Board:

Chairman referenced the ASPIN recommendation that S&T member of Board should come from user management ranks and that OCS should have ex officio membership. Consensus of members is that this is desirable and that action on this point need not await consideration of the full ASPIN report..

Action: Chairman to discuss this item with the DD/S&T.

8. GIMS:

25X1 [ ] reports that OCS now has draft proposal on GIMS software system from [ ] for modifications. 25X1  
Next steps are to finalize specs and then request formal approval.  
Modified version to be delivered 15 months after agreement on specs.  
Modification project expected to require 10-man level effort in [ ] and 25X1  
3 OCS people during modification period. OCS plans to start use of  
GIMS (present version) by November 1970 for SIPS.

OCS has worked out areas of modification needed by OCS:

a. Executive Modifications:

- (1) Handle more terminals (minimum of 32 concurrent terminals);
- (2) Do own scheduling;
- (3) Direct output from terminal to another output device (e.g., printer);
- (4) Interrupt or stop job at any time on command from terminal;
- (5) Access multiple data bases from single terminal;
- (6) Hold data (temporary file) for subsequent use;
- (7) Etc.

b. Internal modifications:

- (1) Better use of inverted files;
- (2) Enhanced arithmetic capability;
- (3) Enhanced input editing;
- (4) Etc.

The above modifications are expected to handle most SIPS programming needs, vice COBOL.

CRS and RID have been invited to submit additional requirements so these can be cranked into final specs given to [ ] (CRS: [ ]) has submitted statement of its needs to OCS; now

under analysis in OCS. [ ] pointed out that CRS was not very enthusiastic about GIMS for CRS needs after [ ] briefing on GIMS in Auditorium. [ ] said RID will study GIMS... but is going ahead with the reprogramming of GICS (1410 to 360/370) to perform file management functions.

[ ] said GIMS is terminal-oriented information management system; will operate under O/S 360; core requirement is relatively modest; can use without roll in/roll out (i.e., can use on Mod 65); has good response time but is not time sharing in the Mod 67 sense; GIMS will have generalized capability to support different terminals but will not support the IBM 2260 in all probability.

Funding: [ ] said modifications now visualized will cost about [ ] that such funds are not contained in OCS budget for FY 71 and FY 72; that perhaps his Directorate could pick up part of this cost by reprogramming and that other interested Directorates might make up the difference.

Chairman stated that any software proposal costing [ ] must be very firmly justified and supported to be eligible for consideration for approval.

[ ] said he felt the IP Board needed briefing not only on GIMS but on alternative software systems... in order to reach any recommendation.

Action: (1) OCS to reply to CRS requirements... and, if not covered by GIMS, to estimate additional costs for such coverage.

(2) RID to assess GIMS for its purposes and, if judged desirable, to specify to OCS any additional capabilities needed by RID.

(3) OCS to then finalize specs with [ ] and submit finalized proposal from [ ] to IP Board.

- (4) OCS to present briefing on GIMS and alternative systems to IP Board at 10 a.m. on 28 September 1970 in the PPB Tank. Included in the briefing should be explanation of reasons for separate file management systems in RID (such as GICS and NIPS) and CRS (such as AEGIS and RECON) if separate systems are deemed necessary. (The Board agreed appropriate technicians should be invited by Board members to attend this briefing.)

9. ASPIN Report:

Chairman said analysis of the ASPIN report is one of the pieces of the overall ADP management scene which he must take aboard before he can make a comprehensive statement to top management on the status of ADP, changes needed, etc. He said it is important to push ahead with our evaluation of the ASPIN report.

25X1 [redacted] agreed but said he felt the issues were important enough that we should proceed deliberately and thoughtfully. He said he has solicited responses from DD/I offices on how each office would be affected by ASPIN recommendations. He outlined his plan of proceeding as follows, (with estimated time required within DD/I being "one-to-two months"):

- a. Analysis of ASPIN recommendations;
  - b. Comments from DD/I offices on how each is affected;
  - c. DD/I Planning Staff recommendations on items "a" and "b"--but deferring to IP Board for judgment on inter-Directorate issues;
  - d. Use of IP Board as body for overall evaluation of the ASPIN report and comment to the Executive Director-Comptroller.
- [redacted] 5X1  
Jm 6'

Action: Chairman requested that each Directorate proceed to evaluate now (in parallel with the DD/I analysis) the ASPIN report and submit their assessments to the Board for use by the Board in the performance of step "d" above. Target date for submission of statements: 9 October 1970.

10. Formula for Costing ADP Services:

25X1 [ ] reported that [ ] was working with OCS 25X1 to develop a formula for costing OCS services.. without regard to how such a formula might be applied within the Agency (that is, without regard as to whether or not the budgeting process should be modified 25X1 /decentralized/ to require prospective users of ADP services to budget for such services). [ ] expects to complete this analysis despite his recent reassignment to OER, in the hope it will prove useful to the Board in considering the ASPIN recommendation in this area.

11. Staffing of IP&E Team; O/PPB

25X1 Chairman announced that the two vacancies on the IP&E Team 25X1 (caused by departures of Messrs. [ ] have been filled by [ ] former Chief, Far East/Pacific Division, CRS, DD/I, and [ ] former member of the Support Services Staff, DD/S. Among his other duties, [ ] will continue to serve as COINS Subsystem Manager for CIA. 25X1

25X1 [ ] 25X1  
Attachment: Status Report on Data  
Circuit Installation



## STATUS REPORT ON DATA CIRCUIT INSTALLATION

A. Planning: The Office of Communications, after reviewing the data distribution study of 10 July 1970, has concluded that there does <sup>Not</sup> exist current requirements on which to base the design of a data communications switch to serve computers and remote terminals in the Headquarters Building. As a consequence the DD/S has decided to postpone the so-called "second phase" study for this purpose.

B. Detailed planning for the installation of the data communications network in the Headquarters Building is well underway. Several tough problems have been encountered. These include routing of the horizontal cable runs on the ground floor which is difficult because of congestion in the overhead. The other problem results from the clutter in the electrical closets on the ground and first floors and the fact that the contours of the first and ground floors are not plumb with the tower area of the building. It now appears likely that the trash shutes will be used from the ground to the third floor where the cables will be run horizontally in order to access the electrical closets in the tower area.

C. Costs: When installation work on the data network commences, we will try to develop the work schedule in order to meet current requirements for installation of data circuits. For those installations made prior to installation

SECRET

of the network, the cost of these jobs, as in the past, will be billed to the requesting office. Also, looking ahead to the point when the network has been installed, the costs of special lines for non-standard devices and of local runs from distribution frames to remote terminals will also be charged to the requesting office, inasmuch as the funds allotted for the network could not take the cost of these tasks into account.

D. Current Situation: Installation work on lines to serve remote terminals has improved radically when compared with the situation of eight months ago. The Support Directorate offices involved in these installations have applied additional resources to the task -- most recently the Office of Logistics has assigned an engineer as part of the new Headquarters Engineering Branch who coordinates and supervises the Logistics effort in this field. Another factor contributing to the improvement is the replacement of the GSA electricians with contractor help which gives the Agency control over the scheduling and amount of work. The contractor team is gaining experience which will be of great value when they are turned loose on the installation of conduit and cable pulling for the data network. These improvements have taken longer to put in effect than I had hoped, but the picture is quite favorable now. As before, any tip-off on planned requests for installation work would be appreciated.

SECRET

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			FYI
EXEC/DIRECTOR	2	9/29	
SPECIAL ASST	1	9/29	I have sent copies
ASST TO DIR			of attached to
<del>ASST TO DIR</del>	3	9/30	
<del>ASST TO DIR</del>	5		
CH/PPBS	4	9/30	
DEP CH/PPBS		9/30	
EXO/PPBS		9/30	
CH/SS			will comment if
DEP CH/SS			they decline necessary
SC & P			
RECORDS MGT			
PERSONNEL			
LOGISTICS			
TRAINING			
SECURITY			
FINANCE			
CH/IEG			
DEP CH/IEG			
EXO/IEG			
CH/PSG			
DEP CH/PSG			
EXO/PSG			
CH/TSG			
DEP CH/TSG			
EXO/TSG			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAD			

DDI/IP Board Rep 29 Sept 1970

IP FORM 30 (7-70) OBSOLETE PREVIOUS EDITIONS

25X1

25X1

25X1

Approved For Release 2004/02/11 : CIA-RDP78B05703A000300010002-0

Approved For Release 2004/02/11 : CIA-RDP78B05703A000300010002-0